

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(WAKAZONO with TSUYOSHI).in.	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:48
S1	2	"6308013".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:09
S2	2	"6526232".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:13
S3	194	front\$1focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:13
S4	376	rear\$1focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:13
S5	24654	MF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:13
S6	40937	AF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:13
S7	10	S3 and S4 and S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:16
S8	795	first adj1 focus\$3 adj1 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:16
S9	784	second adj1 focus\$3 adj1 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:16
S10	3	S5 and S6 and S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:17
S11	70	(masayuki with sakata)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:27

## EAST Search History

S13	27079	(manual\$4 adj1 focus\$3) or MF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:54
S15	69036	(auto\$4 adj1 focus\$3) or (auto adj1 focus\$3) or (automatic\$4 adj1 focus\$3) or (auto\$1focus\$3) or AF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:54
S16	3149	S13 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:29
S17	243	S16 and relay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:29
S18	1655	S13 with lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:37
S19	16143	S15 with lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:38
S20	1091	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:35
S22	632	S18 and S19 and (magnif\$7 or zoom\$3 or variator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:22
S23	97	S18 and S19 and (magnif\$7 or zoom\$3 or variator) and relay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:36
S24	694	S13 near3 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:41
S25	7312	S15 near3 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:38
S26	42938	(TV or television) adj1 camera	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:38

## EAST Search History

S27	367	S24 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:39
S28	26	S24 and S25 and extend\$3 and relay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:39
S29	27209	(manual\$4 adj1 focus\$3) or MF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:52
S30	697	S29 near3 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:43
S31	25	S30 same ((image adj1 side) or (object adj1 side))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:43
S32	69352	(auto\$4 adj1 focus\$3) or (auto adj1 focus\$3) or (automatic\$4 adj1 focus\$3) or (auto\$1focus\$3) or AF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:26
S33	7347	S32 near3 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:43
S34	83	S33 same ((image adj1 side) or (object adj1 side))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:44
S35	14	S31 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:44
S36	3869	S33 same (imag\$3 or object or subject)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:45
S37	24528	S32 same (imag\$3 or object or subject)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:45
S38	3869	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:45

## EAST Search History

S39	271	S32 same lens same relay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:46
S40	25	S30 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:47
S41	62	S29 same S32 same switch\$4 same lens same (return\$4 or previous)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 14:50
S42	963	S29 near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:27
S43	78	return\$3 with lens with predetermined adj1 position	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:29
S44	2340	S32 near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:29
S45	403	S42 same S44 same switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:29
S46	5057	lens with predetermined adj1 position	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:29
S47	9	S45 same S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:31
S48	35	S45 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 15:45
S49	2	"5075713".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:16
S50	6	("5075713").URPN.	USPAT	OR	OFF	2007/05/07 16:16
S51	707	S29 with switch\$3 with S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:23

## EAST Search History

S52	5057	lens with (predetermined adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:19
S53	8	S51 same S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:19
S54	74	S51 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:21
S56	41998	(magnif\$7 or zoom\$3 or variator) near1 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:48
S57	4259	S56 with tele\$photo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:41
S58	6690	S56 with (wide or wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:42
S59	67	S51 and S57 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:26
S60	1	S51 same S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:26
S61	1	S51 same S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:26
S62	7	S29 same S32 same S57 same S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:28
S63	963	S29 near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:28
S64	2340	S32 near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:28

## EAST Search History

S65	470	S63 same S64 same (switch\$3 or change\$1over or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:43
S66	4	S65 same S57 same S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:29
S67	363	S63 with S64 with (switch\$3 or change\$1over or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:35
S68	21	S67 and S57 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:37
S69	24	S67 same (wide or wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:39
S70	9	S67 same (tele\$photo)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:48
S71	2249	S56 with tele\$photo with (driv\$4 or mov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:00
S72	3023	S56 with (wide or wide\$1angle) with (driv\$4 or mov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:00
S73	1	S29 same S32 same (switch\$3 or change\$1over or chang\$3) same S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:51
S74	1	S29 same S32 same (switch\$3 or change\$1over or chang\$3) same S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:46
S75	17	S29 same S32 same S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:44
S76	5	S29 same S32 same S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:44

## EAST Search History

S77	4	S75 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:50
S78	2218	S29 same S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:50
S79	86360	((front or first) near2 lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:50
S80	24730	((rear or master or relay) near2 lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:51
S81	214	S78 and S79 and S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:51
S82	1143	S29 same S32 same (switch\$3 or change\$1over or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:01
S83	136	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:51
S84	963	S29 near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:52
S85	17	S84 same (tele\$1photo) same (wide or wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:55
S86	5	S84 same S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:56
S87	6	S84 same S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 16:55
S88	1270	S56 with (tele\$photo adj1 end) with (driv\$4 or mov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:00

## EAST Search History

S89	1008	S56 with ((wide or wide\$1angle) adj1 end) with (driv\$4 or mov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:00
S90	2026	(S29 or S32) near2 (switch\$3 or change\$1over or chang\$3) near2 (S29 or S32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:02
S91	6	S88 same S89 same S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:43
S92	1	(zoom adj1 lens) with automatically with driven with (telephoto adj1 end)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:45
S93	2290	(lens near2 position) with (stored or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:45
S94	197674	(mode near2 (switch\$3 or change\$1over or chang\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:46
S95	371	S29 same S94 same S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:52
S96	56	S93 and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:46
S97	13	S71 and S72 and S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:46
S99	4310	((magnif\$7 or zoom\$3 or variator) near1 lens) with (tele\$1photo or ("near" or narrow) adj1 angle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:52
S100	5385	((magnif\$7 or zoom\$3 or variator) near1 lens) with (wide adj1 angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:51
S102	34	S95 and S99 and S100	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 17:52

## EAST Search History

S10 3	69392	(auto\$4 adj1 focus\$3) or (auto adj1 focus\$3) or (automatic\$4 adj1 focus\$3) or (auto\$1focus\$3) or AF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 09:28
S10 4	27223	(manual\$4 adj1 focus\$3) or MF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 09:29
S10 5	507	S103 with (switching or switched or changing or changed) with S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 09:30
S10 6	16263	tele\$1photo or ("near" or narrow) adj1 angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 09:31
S10 8	35516	(wide adj1 angle) or (wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 09:31
S10 9	50	S105 and S106 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 12:24
S11 2	1087	(((zoom or variator or magnif\$6) adj1 lens) near4 (driv\$3 or chang\$4 or mov\$4)) with (tele\$1photo or ("near" or narrow) adj1 angle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:52
S11 3	459	(((zoom or variator or magnif\$6) adj1 lens) near4 (driv\$3 or chang\$4 or mov\$4)) with ((tele\$1photo or ("near" or narrow) adj1 angle)) near1 end)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:53
S11 4	1180	(((zoom or variator or magnif\$6) adj1 lens) near4 (driv\$3 or chang\$4 or mov\$4)) with (wide\$1angle or (wide adj1 angle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:53
S11 5	449	(((zoom or variator or magnif\$6) adj1 lens) near4 (driv\$3 or chang\$4 or mov\$4)) with ((wide\$1angle or (wide adj1 angle)) near1 end)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:04
S11 6	69392	(auto\$4 adj1 focus\$3) or (auto adj1 focus\$3) or (automatic\$4 adj1 focus\$3) or (auto\$1focus\$3) or AF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:10
S11 7	27223	(manual\$4 adj1 focus\$3) or MF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:54

## EAST Search History

S11 8	6417019	(switch\$3 or change\$1over or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:56
S11 9	828	S116 with S117 with S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:57
S12 0	1	S112 same S119	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:58
S12 1	1	S114 same S119	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:58
S12 2	25	S114 and S119	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:58
S12 3	46	S112 and S119	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:58
S12 4	24	S122 and S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:58
S12 5	233	S116 near1 flag	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:03
S12 6	16628	S116 with lens\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:03
S12 7	1710	S117 with lens\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:03
S12 8	53695	((zoom or variator or magnif\$6) with lens\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:04
S12 9	26	S125 and S126 and S127 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:06

## EAST Search History

S13 0	17	S129 and S112 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:06
S13 1	3247	(terminat\$4 or end\$3) with S116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:10
S13 2	27	S112 same S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:09
S13 3	16	S114 same S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:09
S13 4	15	S132 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:09
S13 5	730	(terminat\$4) with S116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:11
S13 6	45	previous with mode with S116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:11
S13 7	33	S112 and S135	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:11
S13 8	27	S114 and S135	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:11
S13 9	24	S137 and S138	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:11
S14 0	1	S112 and S114 and S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 16:11